

# HF Happenings



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the week of 18 January 2016



## South African Radio League Summer QRP Contest

The QRP contests are intended to be fun activities to promote QRP operation between radio amateurs. Using homebuilt equipment or operating as a portable/field station and using temporary antennas is encouraged, but is not a requirement.

The Summer QRP contest runs from 12:00 to 15:00 UTC on Saturday 23 January 2016 using SSB and CW with 5 watts (PEP) output or less. There are no antenna restrictions and a station may be worked once per band per mode.

The first hour is limited to the 40 m band only, the remaining two hours the contesters are free to use any HF (non-WARC) band as they see fit. Comply with the contest-preferred segments as detailed in the general rules. It would be advantageous to use the standard QRP calling frequencies as the starting point.

The exchange is a RS or RST report and your grid locator. Please consider exchanging realistic RS(T) signal reports. Please use the full 6-character grid locator, e.g. KG43eu. If the station's grid locator is unknown, then use some other means that identifies the station's location: e.g. the name of the closest town or city e.g. Port Alfred or 25 km NW of Pofadder. With DX contacts the locator information can be omitted, the RS(T) will suffice as the mini-

mum required exchange as per the general rules

Each contact counts 1 point. Each South African call area 0 through 9 counts as a multiplier and each DXCC country worked counts as a multiplier. The station type multiplier are x 1 - for home stations; x 2 - for portable stations and x 3 - for ultra light portable field stations. The definitions listed in the general section of the South African Radio League rules define the above stations types accurately. A mobile station will be treated as a field station. A portable station not meeting the requirements as a field station will be treated as a home station. Ultra light portable field station must comply with all the field station criteria, but the operator must carry the entire station, antenna included to the operating site. The distance carried must not be less than 1 km.

Score = (QSO points) x (Prefix multiplier) x (Station multiplier)

Logs, in ADIF, Cabrillo or MS Excel format and labelled "call sign QRP Contest," shall be submitted by 31 January 2016 by e-mail to [contest@sarl.org.za](mailto:contest@sarl.org.za). Note: A photo(s) of the station operating (JPG format) MUST accompany every log entry.

## CQ DX Marathon - high claimed scores now available!

John, K9EL, DX Marathon Manager reports that the 2015 High Claimed scores for the DX Marathon are now available at [www.dxmarathon.com/highclaimedscores/2015HighClaimedScores.htm](http://www.dxmarathon.com/highclaimedscores/2015HighClaimedScores.htm).

Full details on the DX Marathon are available at [www.dxmarathon.com](http://www.dxmarathon.com) and the ADIF to DX Marathon conversion program can be found at <http://software.ad1c.us/marathon>



South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925



## African DX

Ethiopia, ET. A group of Ukrainian operators are now active as ET7L from the INSA Radio Club in Mekanisa, Addis Ababa, Ethiopia. They were heard on 30 metres CW on 17 January. It was reported/posted on 17 January [edited]: "The members of UT7L Contest Club (Yarik, UW7LL, and Andy, UR4LRQ) have safely arrived in Addis Ababa. All equipment has already come through all custom controls. We have a plan for the Low Bands activity. But don't forget - this is not a DXpedition, timetable of the operation depends of our main job. Logs will be daily uploaded on Clublog; OQRS will be later. LoTW, as usual, after the end of operation. Website is still in process. See all of you in the pile ups." QSL Manager is USOLW.



Kenya, 5Z. Bertrand, DF3FS, plans to get on the air holiday-style between 23 January and 7 February, signing 5Z4/DF3FS. He will be active with a hex beam and vertical antennas on CW and SSB. QSL via DF3FS, direct or via the bureau. For more information, visit [www.df3fs.de/5z-2016/index.html](http://www.df3fs.de/5z-2016/index.html)

Tanzania, 5H. Stan, WS5K, will be active as 5H2SF from Dar Es Salaam between 26 January and 10 February. Look for more details to be forthcoming.

Togo, 5V. Operators Gabi, DF9TM, Baldur, DJ6SI, and Frank, DL2SWW are now active as 5V7GD (SSB), 5V7BD (CW) and 5V7FMD (SSB and RTTY), respectively, from Togo until 26 January. QSL 5V7BD via DJ6SI.

## January 2016

- 1 – Download your copy of the 2016 SARL Blue Book
- 1 – New Years day; [start of the 2016 CQ Marathon](#)
- 3 – [ARRL Kids Day](#)
- 9 and 10 – [Hunting Lions in the Air](#)
- 10 – [SARL Youth Net](#)
- 13 – All schools open
- 15 to 17 – [PEARS VHF/UHF Contest](#)
- 23 – [Summer QRP Contest](#)
- 23 and 24 – [UK/EI DX CW Contest](#)
- 25 – [Closing date for February Radio ZS articles](#)
- 28 to 31 – Up the Creek Music Festival, Swellendam
- 30 – [SARL@Home at the NARC; East Rand ARC Flea Market](#)
- 31 – [The closing date for nominations for Council and the submission of motions for the AGM](#)
- 31 – [Closing date for the summer QRP logs](#)
- 31 – Groote Post Country Market, Darling

## February

- 2 – World Wetland's Day
- 7 – [AWA CW Activity Day](#)
- 10 – Ash Wednesday
- 13 and 14 – [SARL National Field Day; CQ WW WPX RTTY Contest](#)
- 14 – [SARL Youth Net at 15:00 UTC; Valentine's Day](#)
- 15 – [Closing date for the PEARs VHF/UHF logs](#)
- 20 – [SARL Youth Sprint](#)
- 22 – [Closing date for March Radio ZS articles](#)
- 27 – [West Rand ARC Flea Market](#)
- 27 – National Milk Tart Day
- 28 – [SARL Digital Contest](#)

QSL 5V7GD via DF9TM. QSL 5V7FMD via DL2SWW.

Senegal, 6W. Jacques, F6HMJ, will be active from Senegal as 6W7/F6HMJ between 10 February to 1 March. Activity is usually on 80 to 10 metres on mostly CW, with some SSB and RTTY. He will use an IC-706 MKIIG into dipoles. QSL via his home call sign.

Senegal, 6W, Canceled. Francis, F6BLP, who was to be active as 6W7SK from Saly Portudal between 5 and 31 January, had to cancel due to a health problem.

Lesotho, 7P. Members of F6KOP Amateur Radio Club announced that they will be active

as 7P8C (call sign is official from the Lesotho Communication Authority) from the Maseru District in Lesotho between 8 and 17 February. Activity will be on 160 to 6 metres using CW, SSB and RTTY with five stations on the air. More details will be forthcoming as well as a web page.

## African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Seychelles, S7. Kasimir, DL2SBY, will once again be active as S79KB from two islands in the Seychelles between 24 September and 8 October. He is scheduled to activate Praslin (between 24 September and 2 October) and Eden Island/Mahe (between 2 and 8 October). Both islands are IOTA AF-024. Activity will be on 40 to 10 metres including 17 and 12 metres and possibly 30 metres using CW, SSB and RTTY. His equipment will be a FT-900AT with an ACOM 1010 amp (600 w) into an ultra-light weight Dunax-Verticals GPN4B and GPW3B. He will upload the log onto ClubLog. The QSL cards will be printed as soon as possible. QSL via DL2SBY direct or ClubLog's OQRS (direct or Bureau [you do not need to send the QSL via the Bureau]).

## This week in History

(The week starting 18 January 2016)

41 AD - Roman Emperor Caligula was assassinated at the Palatine Games by his own guard  
1793 - In the aftermath of the French Revolution, King Louis XVI of France was guillotined

1901 - Queen Victoria of England died after reigning for 64 years

1924 - Soviet Russian leader Vladimir Lenin died of a brain haemorrhage

1954 - The USS Nautilus, the world's first nuclear powered submarine, was launched at Groton, Connecticut

1965 - Sir Winston Churchill, born in 1874, died

1966 - Indira Gandhi was elected prime minister of India

1975 - ZS4BS joined the SA Army as a member of the Full Time force

1976 - The Concorde supersonic jet began passenger service with flights from London to Bahrain and Paris to Rio de Janeiro, cruising at twice the speed of sound (Mach 2) at an altitude up to 60 000 feet or 18 288 metres

## Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 18 to 25 January 2016

Run for the Bacon QRP Contest

02:00 - 04:00 UTC 18 January

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once

Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 24 January 2016

E-mail logs to: (none)

Upload log at:

<http://fpgrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpgrp.org/pigrun/>

QRP Fox Hunt

02:00 - 03:30 UTC 20 January

Mode: CW

Bands: 40 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 03:30 UTC 21 January 2016  
E-mail logs to: (see rules)  
Mail logs to: (none)  
Find rules at:  
[http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

Phone Fray  
02:30 - 03:00 UTC 20 January  
Mode: SSB  
Bands: 160, 80, 40, 20, 15 m  
Classes: Single Op  
Max power: 100 watts  
Exchange: NA: Name and state, province or country; non-NA: Name  
Work stations: Once per band  
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 03:00 UTC 22 January 2016  
E-mail logs to: (none)  
Post log summary at:  
<http://www.3830scores.com>  
Mail logs to: (none)  
Find rules at:  
[http://www.perluma.com/Phone\\_Fray\\_Content\\_Rules.pdf](http://www.perluma.com/Phone_Fray_Content_Rules.pdf)

CWops Mini-CWT Test  
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 20 January and 03:00 - 04:00 UTC 21 January  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op - QRP, low or high  
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country  
Work stations: Once per band  
QSO Points: 1 point per QSO  
Multipliers: Each call once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 04:00 UTC 23 January 2016  
Post log summary at:  
<http://www.3830scores.com>  
Mail logs to: (none)  
Find rules at:  
<http://www.cwops.org/cwt.html>

NAQCC CW Sprint  
0130Z-03:30 UTC 21 January  
Mode: CW  
Bands: 80, 40, 20 m  
Classes: (none)  
Max power: 5 watts  
Exchange: RST, state, province or country and NAQCC no or power  
Work stations: Once per band  
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member  
Multipliers: Each state, province or country once  
Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other  
Score Calculation: Total score = total QSO points x total mults x key type mult  
Submit logs by: 23:59 UTC 24 January 2016  
Upload log at:  
<http://naqcc.info/sprintlog.html>  
Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA  
Find rules at:  
<http://naqcc.info/sprint201601.html>

NCCC RTTY Sprint  
01:45 UTC-02:15 UTC 22 January  
Mode: RTTY  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 24 January 2016  
E-mail logs to: (none)



Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rttyns.html>

QRP Fox Hunt

02:00 - 03:30 UTC 22 January

Mode: CW

Bands: 80 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST and state, province or country and name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 23 January 2016

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

[http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

NCCC Sprint Ladder

02:30 - 03:00 UTC 22 January

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: Single Op

Max power: 100 watts

Exchange: Serial no, name and QTH

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once



per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 24 January 2016

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

YL-ISSB CW/SSB QSO Party

00:00 UTC 23 January to 23:59 UTC 24 January

Mode: CW, SSB

Bands: All

Classes: (none)

Exchange: RS(T), name and state, province or country and YLISSB no

Work stations: Once per band

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 4 March 2016

E-mail logs to: [ve1jim@ns.sympatico.ca](mailto:ve1jim@ns.sympatico.ca)

Mail logs to: Jim Flowers, VE1JIM, 13 Rufus Ave, Halifax, Nova Scotia B3N 2L4, Canada

Find rules at:

<http://www.ylssystem.org/qsoparty/qsodates.htm>

Montana QSO Party

00:00 - 24:00 UTC 23 January

Mode: CW, Phone, Digital

Bands: 160 to 70 cm

Classes: Single Op - CW, phone, digital or mixed - QRP, low or high

Multi-Single - CW, phone, digital or mixed - QRP, low or high

Mobile/Rover - CW, phone, digital or mixed - QRP, low or high

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: MT: RS(T) and county; non-MT: RS(T) and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 1 point per SSB QSO; 2 points per CW/Digital QSO

Multipliers: MT: Each state, province and MT county once per mode; Non-MT: Each MT county once per mode

Power: >150 W : 1 X, 150 W : 2 X, QRP : 3 X

Score Calculation: Total score = total QSO points x total mults x power mult

Submit logs by: 30 January 2016

E-mail logs to:

[MTQSOParty2016@tuscort.net](mailto:MTQSOParty2016@tuscort.net)

Post log summary at:

<http://fvarc.org/?q=MT-QSO-Entry>

Mail logs to: (none)

Find rules at:

<http://fvarc.org/sites/default/files/library/2016%20MT%20QSO%20Party%20Rules.pdf>

BARTG RTTY Sprint

12:00 UTC 23 January to 12:00 UTC 24 January

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op Expert; Single Op; Multi-Op; SWL

Exchange: Serial no (no signal report)

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: DXCC countries once regardless of band; JA, W, VE and VK areas once regardless of band

Score Calculation: Total score = total QSO points x total mults x continents

Submit logs by: 31 January 2016

E-mail logs to: (none)

Upload log at:

<http://bartg.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at:

<http://s3.spanglefish.com/s/7850/document/s/contests/sprint/rules/current/bartg%20sprint%20rules.pdf>

UK/EI DX Contest, CW

12:00 UTC 23 January to 12:00 UTC 24 January

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op Unconnected - 24 or 12 - QRP, low or high

Single Op Connected - 24 or 12 - QRP, low or high

Multi-Single - QRP, low or high

Max power: HP: >100 W; LP: 100 W; QRP: 5 W

Exchange: UK/EI: RST, serial no and district code; DX: RST and serial no

QSO Points: (see rules)

Multipliers: Each DXCC country once per band; Each UK/EI district once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 14:00 UTC 24 January 2016

Upload log at:

<http://logs.ukcicc.com/cgi-bin/hfenter.pl?Contest=DX%20CW%20Contest>

Mail logs to: (none)

Find rules at: <http://www.ukcicc.com/which-contest/contest-rules/uk-ei-dx-contest>

WAB 1,8 MHz Phone

19:00 - 23:00 UTC 23 January

Mode: SSB

Bands: 160 m Only

Classes: Single Op - fixed, mobile or portable; Multi-Op - fixed, mobile or portable; Low Power; SWL - fixed, mobile or portable

Max power: non-Low: >10 watts; Low: 10 watts

Exchange: British Isles: RS, serial no and WAB square; Other: RS, serial no and country

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 13 February 2016

E-mail logs to: [aebbooks@ntlworld.com](mailto:aebbooks@ntlworld.com)

Mail logs to: Tony Beardsley, G3XKT, 14 York Avenue, Sandiacre, Nottingham NG10 5HB, United Kingdom

Find rules at:

<http://wab.intermip.net/Contest%20Rules.php#OtherRules>

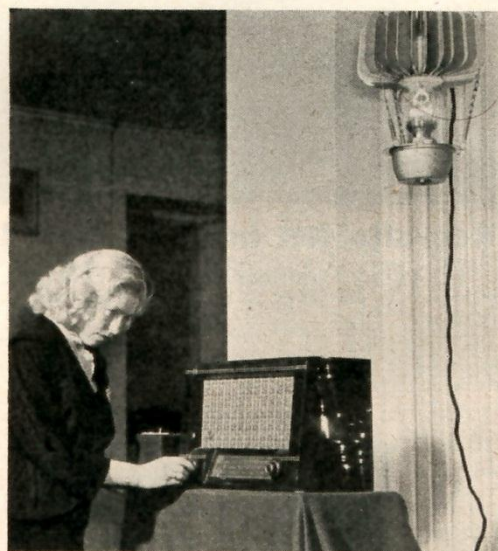
## Next Week's Contest

SKCC Sprint, 00:00 - 02:00 UTC 27 January

QRP Fox Hunt, 02:00 - 03:30 UTC 27 January  
 Phone Fray, 02:30 - 03:00 UTC 27 January  
 CWops Mini-CWT Test, 13:00 - 14:00 UTC  
 and 19:00 - 20:00 UTC 27 January and 03:00  
 - 04:00 UTC 28 January  
 UKEICC 80 m Contest, 20:00 - 21:00 UTC 27  
 January  
 NCCC RTTY Sprint, 01:45 - 02:15 UTC 29  
 January  
 QRP Fox Hunt, 02:00 - 03:30 UTC 29 January  
 NCCC Sprint Ladder, 02:30 - 03:00 UTC 29  
 January  
 CQ 160-Metre CW Contest, 22:00 UTC 29  
 January to 22:00 UTC 31 January  
 Feld Hell Sprint, 00:00 - 23:59 UTC 30 January  
 REF Contest, CW, 06:00 UTC 30 January to  
 18:00 UTC 31 January  
 UBA DX Contest, SSB, 13:00 UTC 30 January  
 to 13:00 UTC 31 January  
 Winter Field Day, 17:00 UTC 30 January to  
 17:00 UTC 31 January  
 Classic Exchange, CW, 14:00 UTC 31 January  
 to 08:00 UTC 1 February and 14:00 UTC 2  
 February to 08:00 UTC 3 February  
 RSGB 80 m Club Championship, SSB, 20:00 -  
 21:30 UTC 1 February  
 ARS Spartan Sprint, 02:00 - 04:00 UTC 2  
 February



Items used with acknowledgement to the  
 ARRL Letter, the ARRL DX News, the ARRL  
 Contest Update, OPDX Bulletin, 425 DX Bul-  
 letin, DXNL Newsletter, WIA-News, the  
 RSGB News, DxCoffee, Southgate ARC  
 News, DX World and the Amateur Radio  
 Newsletter



**Kerosene Radio** Made in Moscow  
 for use in rural  
 areas, this all-wave radio is reportedly  
 powered by the kerosene lamp hanging  
 above it. A group of thermocouples is  
 heated internally to 570 degrees by the  
 flame. Fins cool the outside to about 90  
 degrees. The temperature differential  
 generates enough current to operate the  
 low-drain receiver. Regular listeners may  
 want fur-lined union suits, though: It  
 works best in a room with open windows.